

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. P21183		Serial No. 09/960,521			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hiroshi NOMURA et al.											
		Filing Date September 24, 2001					Group 2873						
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER					DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
TP		4	4	8	4	8	0	0	11/27/84	TAMURA	359	699	
TP		4	5	7	6	4	4	6	03/18/86	KAMATA	359	703	
TP		4	8	3	4	5	1	4	05/30/89	ATSUTA et al.	359	699	
TP		4	9	7	1	4	2	7	11/20/90	TAKAMURA et al.	359	700	
TP		4	9	9	3	8	1	5	02/19/91	YAMAZAKI et al.	359	699	
TF		5	0	3	7	1	8	7	08/06/91	ODA et al.	359	699	
TF		5	1	2	6	8	8	3	06/30/92	SATO et al.	359	683	
TP		5	1	7	7	6	3	8	01/05/93	EMURA et al.	359	704	
TP		5	1	9	6	9	6	3	03/23/93	SATO et al.	359	699	
TF		5	2	6	8	7	9	4	12/07/93	CHAN	359	699	
TF		5	3	0	1	0	6	6	04/05/94	HIGUCHI et al.	359	698	
TP		5	5	8	9	9	8	7	12/31/96	TANAKA	359	701	
TF		5	7	3	9	9	6	2	04/14/98	ASAOKURA et al.	359	700	
TP		5	7	7	4	2	6	6	06/30/98	OTANI et al.	359	554	
TF		5	8	7	0	2	3	2	02/09/99	TSUJI et al.	359	700	
TF		5	9	3	3	2	8	5	08/03/99	SATO et al.	359	694	
TF		6	0	6	9	7	4	5	05/30/00	FUJII et al.	359	694	
TP		6	1	9	5	2	1	1	02/27/01	IWASAKI	359	694	
TF		6	3	6	9	9	5	5	04/09/02	ENOMOTO et al.	359	685	
TF		6	4	5	6	4	4	2	09/24/02	ENOMOTO	359	689	
TF		6	4	5	6	4	4	5	09/24/02	NOMURA et al.	359	699	
TF		6	4	6	9	8	4	0	10/22/02	NOMURA et al.	359	699	
TF		6	4	6	9	8	4	1	10/22/02	NOMURA et al.	359	699	
TF		6	5	1	2	6	3	8	01/28/03	SATO et al.	359	701	
TF	2002/	0	0	1	2	1	7	8	01/31/02	NOGUCHI	359	811	
TF	2002/	0	0	3	6	8	3	6	03/28/02	HAGIMORI	359	694	
EXAMINER <u>Jim Thompson</u>									DATE CONSIDERED <u>01/29/04</u>				

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TP	6	5	2	2	4	7	8	02/18/03	NOMURA et al.	359	694	
TP	6	5	2	2	4	8	2	02/18/03	NOMURA et al.	359	701	
TP	6	5	2	2	4	8	1	02/18/03	NOMURA et al.	359	699	
TP	4	3	9	0	2	6	2	06/28/83	HIROHATA et al.	396	449	
TP	4	4	1	6	5	2	7	11/22/83	OKURA	396	509	
TP	5	1	6	6	8	2	9	11/24/92	IIZUKA	359	699	
TP	5	2	4	1	4	2	2	08/31/93	SHIMADA et al.	359	694	
TP	5	4	6	1	4	4	3	10/24/95	NAKAYAMA et al.	396	89	
TP	5	5	5	9	5	7	1	09/24/96	MIYAMOTO et al.	396	52	
TP	5	8	1	2	8	8	9	09/22/98	NOMURA et al.	396	87	
TP	6	1	1	8	6	6	6	09/12/00	AOKI et al.	361	749	
TP	6	1	6	0	6	7	0	12/12/00	NAKAYAMA et al.	359	696	
TP	6	4	2	4	4	6	9	07/23/02	HIRAI	359	699	
TP	6	4	3	7	9	2	4	08/20/02	AZEGAMI	359	694	
TP	6	4	9	3	5	1	1	12/10/02	SATO	396	72	
TP	6	4	2	9	9	7	9	08/06/02	ENOMOTO et al.	359	692	
TP	6	4	3	7	9	2	2	08/20/02	ENOMOTO et al.	359	685	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
TP	4	-	3	4	0	9	0	7	JAPAN	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TP	1	English Language Abstract of JP 4-340907. 11/27/92

EXAMINER	<i>Jim Shimp</i>		DATE CONSIDERED	01/29/04
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TP		4	2	2	7	7	9	2	10/14/80	RENTSCHILER	396	468	
TP		6	0	8	9	7	6	0	07/18/00	TERADA	396	463	
TP		5	8	9	2	9	9	8	04/06/99	KODAIRA et al.	396	448	
TP		6	1	2	5	2	3	7	09/26/00	PARK	396	79	
TP		4	4	2	6	1	4	5	01/17/84	HASHIMOTO	396	132	
TP		4	8	3	9	6	8	0	06/13/89	AMADA et al.	396	451	
TP		4	9	2	2	2	7	4	05/01/90	YAMAMOTO et al.	396	508	
TP		6	1	7	6	6	2	7	01/23/01	SUH	396	451	
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